

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
River Bend Station, Unit 1DOCKET NUMBER (2)  
050004581 OF 02

TITLE (4)

RWCU Isolation

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)						
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)				
1	0	2	3	8	5	8	5	0	2	2	0	5	0	0	0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 50. (Check one or more of the following): (11)											
4	20.402(b)			20.402(c)			X 60.73(a)(2)(iv)			73.71(b)		
POWER LEVEL (10) 01010	20.402(a)(1)(i)			60.30(a)(1)			60.73(a)(2)(v)			73.71(a)		
	20.402(a)(1)(ii)			60.30(a)(2)			60.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text, NRC Form 308A)		
	20.402(a)(1)(iii)			60.73(a)(2)(i)			60.73(a)(2)(vii)(A)					
	20.402(a)(1)(iv)			60.73(a)(2)(ii)			60.73(a)(2)(vii)(B)					
	20.402(a)(1)(v)			60.73(a)(2)(iii)			60.73(a)(2)(viii)					

LICENSEE CONTACT FOR THIS LER (12)  
NAME  
Samuel I. Shirey, Senior Systems EngineeringTELEPHONE NUMBER  
AREA CODE  
51014 314161-18161511

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)											
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		

SUPPLEMENTAL REPORT EXPECTED (14)  
☐ YES (If yes, complete EXPECTED SUBMISSION DATE) ☒ NO  
EXPECTED SUBMISSION DATE (15)  
MONTH DAY YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

At 0320 on 10/23/85 with the plant in operating condition 4 (cold shutdown) and prior to initial criticality, a Division II Reactor Water Cleanup isolation occurred. During conduct of a monthly Surveillance Test Procedure on RWCU, a jumper was installed on the wrong relay contacts. When a wire was lifted in the circuit that should have been jumpered, a RWCU isolation occurred. The wire was relanded and the isolation reset.

There was no impact on the health and safety of the public.

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PDR ADOCK 05000458  
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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  River Bend Station, Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 4 5 8 8 5				LER NUMBER (3)			PAGE (3)		
					YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
					8 5	0 2 2	0 0 0	2	OF	0 2

TEXT (If more space is required, use additional NRC Form 308A's) (17)

At 0320 on 10/23/85 with the unit in operational condition 4 (cold shutdown) and prior to initial criticality, a Division II Reactor Water Cleanup (RWCU) (IEEE:CE) isolation occurred. During the conduct of Surveillance Test Procedure STP-207-5233 "RWCU System Isolation Equipment Area Temperature High Channel Calibration," a jumper was placed on relay B21-K173 (IEEE:RLY) between contacts A and B. The thermocouple field wires were lifted which generated an isolation signal for RWCU. The jumper should have prevented the isolation. The thermocouple wires were relanded and RWCU was returned to service.

A review of the jumper hookup revealed 2 sets of terminals labeled A and B. The procedure failed to specify the terminals to be jumpered in order to bypass the isolation signal. The incorrect terminals were jumpered resulting in the RWCU isolation when the isolation signal was generated.

To prevent recurrence, the procedure was changed to clearly identify the correct set of A and B connections. There was no impact on the health and safety of the public.



**GULF STATES UTILITIES COMPANY**

RIVER BEND STATION      POST OFFICE BOX 220      ST. FRANCISVILLE, LOUISIANA 70775  
AREA CODE 504      635 9094      346-8651

November 22, 1985  
RBG- 22671  
File Nos. G9.5, G9.25.1.3

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Dear Sir:

River Bend Station - Unit 1  
Docket No. 50-458

Please find enclosed License Event Report No. 85-022 for River Bend Station - Unit 1. This report is submitted pursuant to 10CFR50.73.

Sincerely,

*Eddie R. Grant*

for J. E. Booker  
Manager-Engineering,  
Nuclear Fuels & Licensing  
River Bend Nuclear Group

*JPB PDG BEH*  
JEB/TFP/PDG/BEH/amg

cc: U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

INPO Records Center  
1100 Circle 75 Parkway  
Atlanta, GA 30339-3064

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